DYNAMIC SCALING BACK OF LATCH REQUESTS FOR COMPUTER SYSTEM RESOURCES

Abstract of the Disclosure

A computer system dynamically scales back latch requests for system resources. Tasks seeking access to system resources each dynamically determine the probability that the task will gain access to the latch relating to a given system resource. Where the task estimates that its probability is below a defined threshold, the task will suspend itself for a defined sleep time. The task dynamically adjusts the length of the sleep time based on the number of times the task enters the suspended state and on the relative changes in the estimated probability that the task will gain access to the resource.